## WHAT IS CLAIMED IS:

A substantially purified oligonucleotide haying a sequence selected from the 1. group consisting of:

5'-CCG GGA GAG CCA TAG TGG TQT GCG-3' (SEQ ID NO:3),

5'-TAA TAC GAC TCA CTA TAG GGG CAG AAA GCG TCT AGC CAT GGC GTA AAA TCC GGT AGT AAC TTG CTA ACC-3' (SEQ ID NO:4),

5'-CTC GCA AGC ACC CTA TCA GGC AGT TAG TGC GGG TGT TGA ATG ATT TCC-3' (SEQ ID NO:5), and

5'-TTG GCA ACA GTG GCA 7GC ACC G-3' (SEQ ID NO:6).

2. The oligonucleotide of claim/l, wherein said oligonuclotide is conjugated to a detectable label.

- 3. The oligonucleotide of claim 2, wherein the detectable label is a fluorescent dye.
- The oligonucleotide of claim 2, wherein the detectable label is a fluorescent 4. molecular beacon pair.
- The oligonucleother of claim 4, wherein the oligonucleotide is 5' [2'-chloro-7'-5. phenyl-1,4-dichloro-6-carboxylluorescein (VIC)]-CCG GGA GAG CCA TAG TGG TCT GCG- [6-carboxytetramethylrhodamine (TAMRA)] 3' or 5' [6carboxyfluorescein(FAM)]- TTG QCA ACA GTG GCA TGC ACC G - [6carboxytetramethylrhodamine (TAMRA)]3'.
- 6. The oligonucleotide of claim 1, wherein said oligonucleotide is SEQ ID NO:4 and SEQ ID NO:5.

7. A method for producing anoligonucleotide that is a hybrid of lambda phage-HCV nucleic acid sequence, comprising:

amplifying lambda phage DNA using a pair of oligonucleotide primers having the sequences set forth in SEO ID NO:4 and SEQ ID NO:5 to provide a plurality of lambda phage-HCV hybrid amplicons; and

reverse transcribing and purifying the resultant lambda phage-HCV hybrid RNA.

- 8. A method for detecting the presence or amount of HCV nucleic acids in a test sample, comprising:
- (a) reverse transcribing and amplifying HCV nucleic acid if present in said sample using a pair of oligonucleotide primers having the sequences set forth in SEQ ID NO:1 and SEQ ID NO:2;
- (b) hybridizing said amplified HCV nucleic acids with an oligonucleotide probe having the sequence set forth in SEQ ID NO:3, wherein said probe is conjugated to 2'-chloro-7'-phenyl-1,4-dichloro-6-carboxyfluorescein (VIC) and 6-carboxytetramethylrhodamine (TAMRA) in the presence of an enzyme that cleaves said probe when said probe hybridizes to said HCV nucleic acids; and
- (c) detecting a signal from said probe, wherein said signal indicates the presence or amount of HCV nucleic acids in said test sample.
- 9. The method of claim 8, wherein lambda phage-HCV nucleic acid hybrids are introduced into said test sample, reverse transcribed and amplified using the pair of oligonucleotide primers of amplifying step (a) to produce lambda phage-HCV hybrid amplicons.
- 10. The method of claim 9, wherein said lambda phage-HCV hybrids are hybridized to a control oligonucleotide probe having the sequence set forth in SEQ ID NO:6, wherein the control oligonucleotide probe is conjugated to 6-carboxyfluorescein (FAM) and 6-carboxytetramethylrhodamine (TAMRA).

- 11. The method of claim 8, wherein said test sample is selected from the group consisting of serum, blood, plasma, cerebral spinal fluid, synovial fluid, and urine.
- 12. The method of claim 8, wherein nucleic acids are purified from said sample prior to said reverse transcription and amplification step (a).
- The method of claim 12, wherein lambda phage-HCV ribonucleic acid hybrids are 13. introduced into said test sample prior to isolating nucleic acids from said sample.